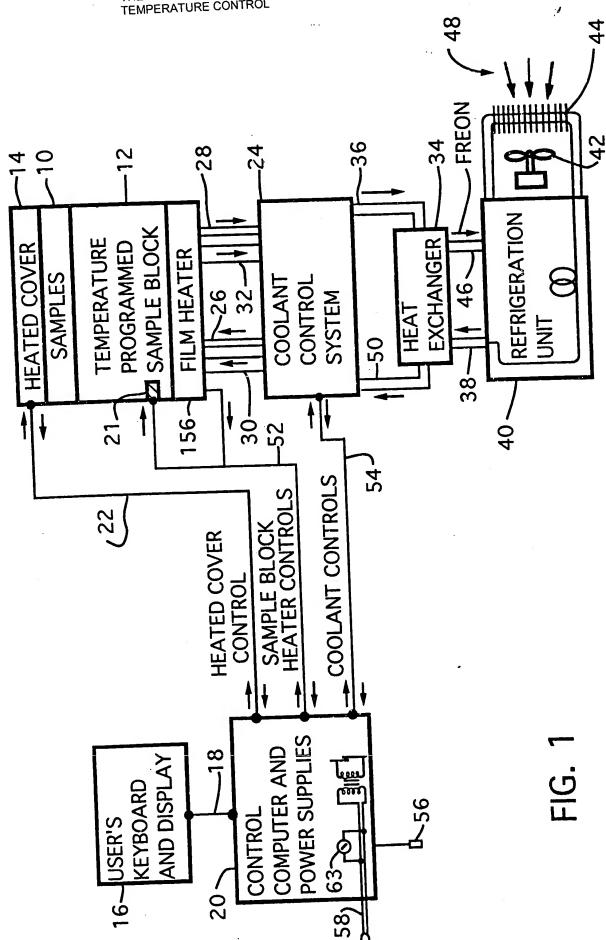
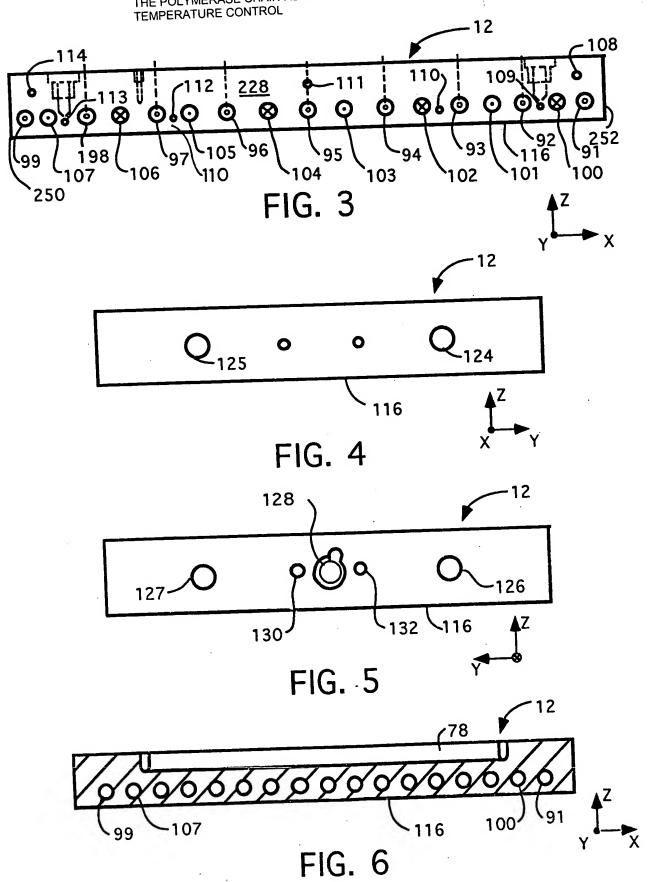
Applicant(s): Atwood et al. THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE



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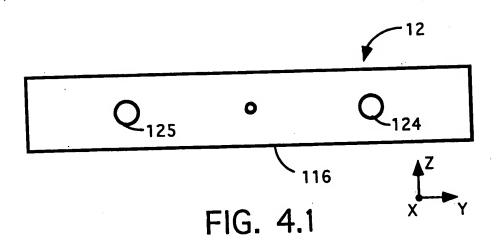
Applicant(s): Atwood et al.
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THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE TEMPERATURE CONTROL 120 **78** -121 78 128 **~116** FIG. 7 12 78 66 67 0 0 -116 107 98 106 97  $D_{\mathbf{W}}^{\mathbf{I}}$ FIG. 8 12. 224 223 146<sup>2</sup>26 12217 781 (218 225 78 221 /219 220 100 152 154 148-FIG. 9

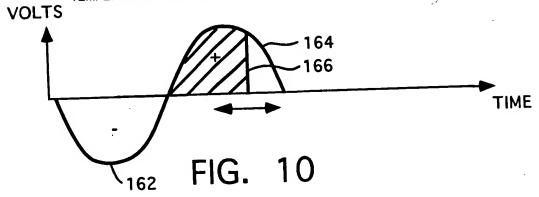
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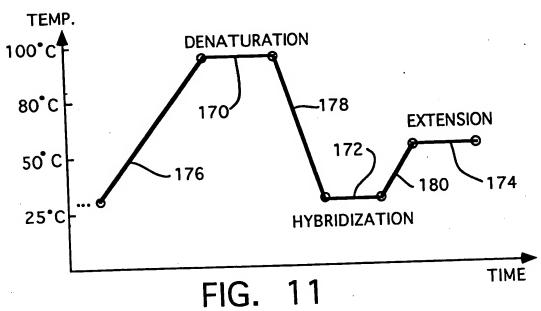
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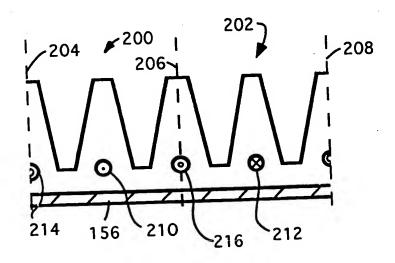


FIG. 12

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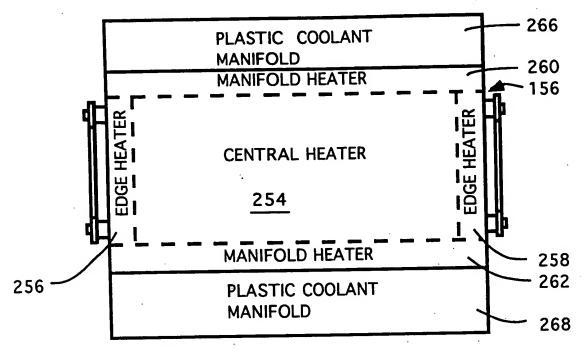


FIG. 13

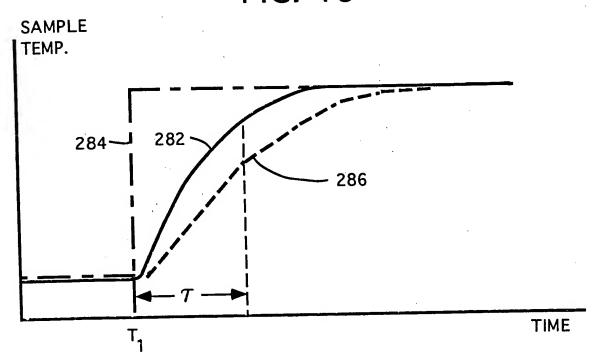


FIG. 14

Applicant(s): Atwood et al.
THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
THE POLYMERASE CHAIN REACTION WITH CLOSE
TEMPERATURE CONTROL

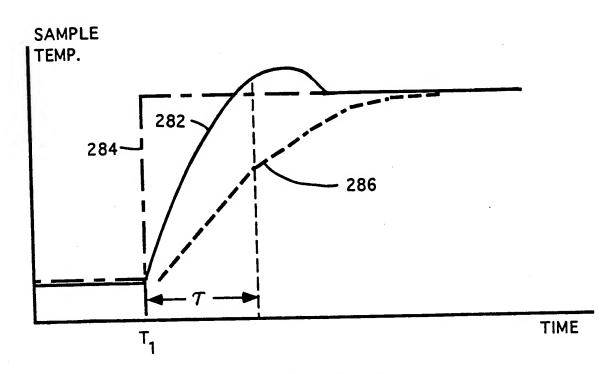


FIG. 14.1

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THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
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TEMPERATURE CONTROL

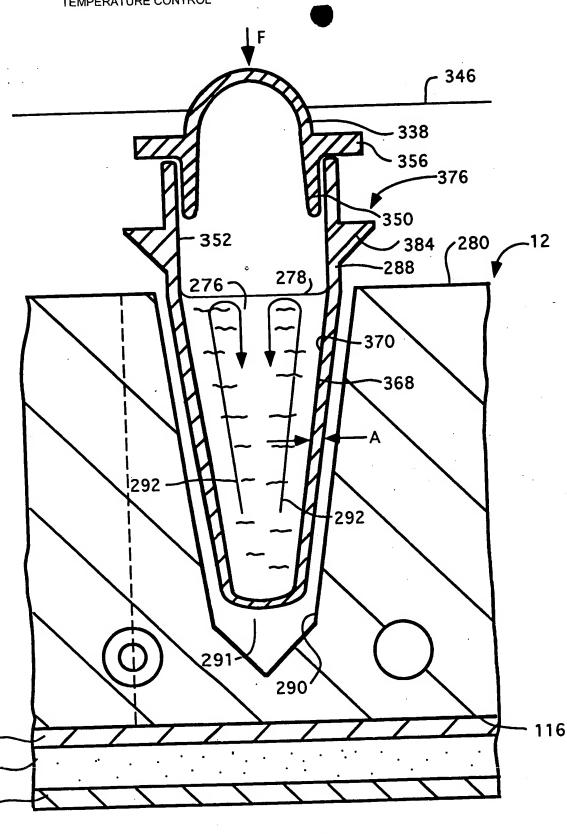


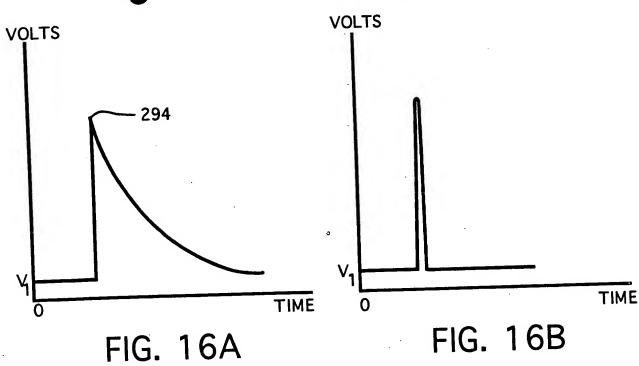
FIG. 15

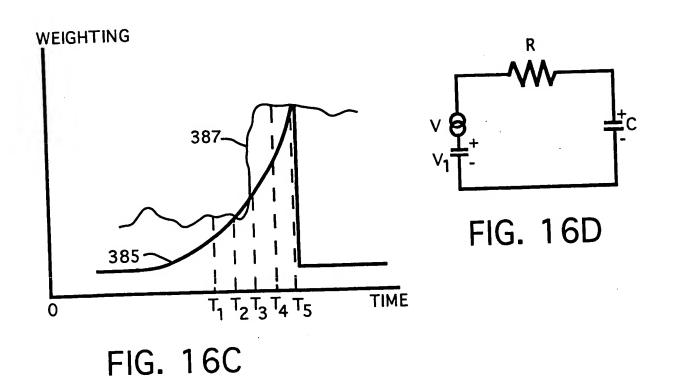
1561

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THE POLYMERASE CHAIN REACTION WITH CLOSE
TEMPERATURE CONTROL

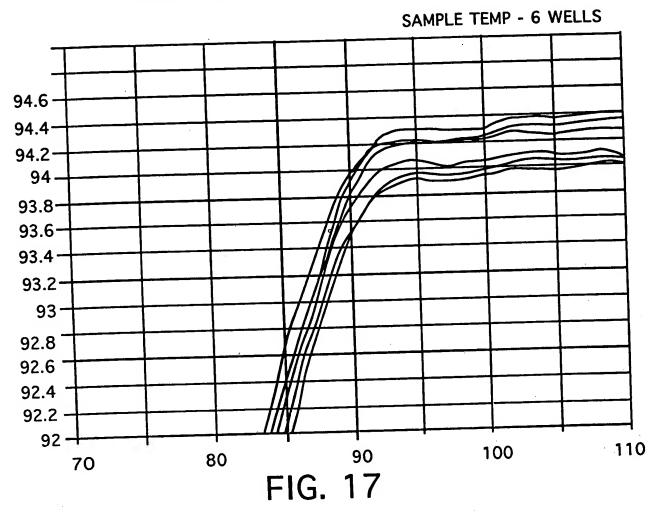


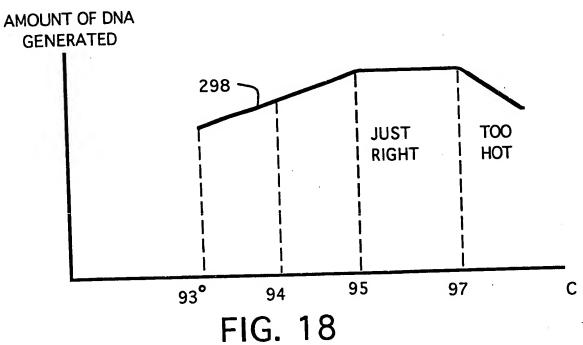


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THE POLYMERASE CHAIN REACTION WITH CLOSE

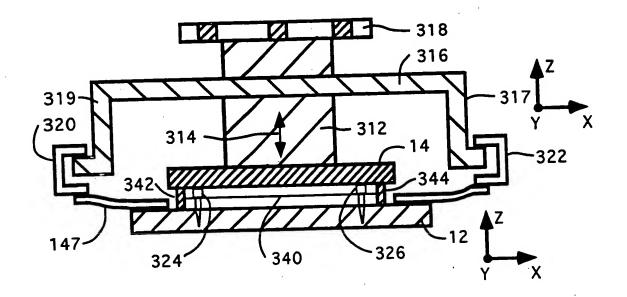


FIG. 19

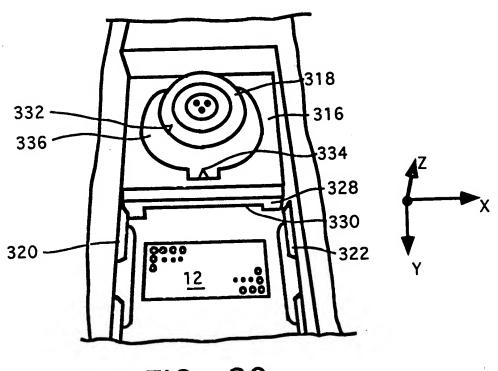
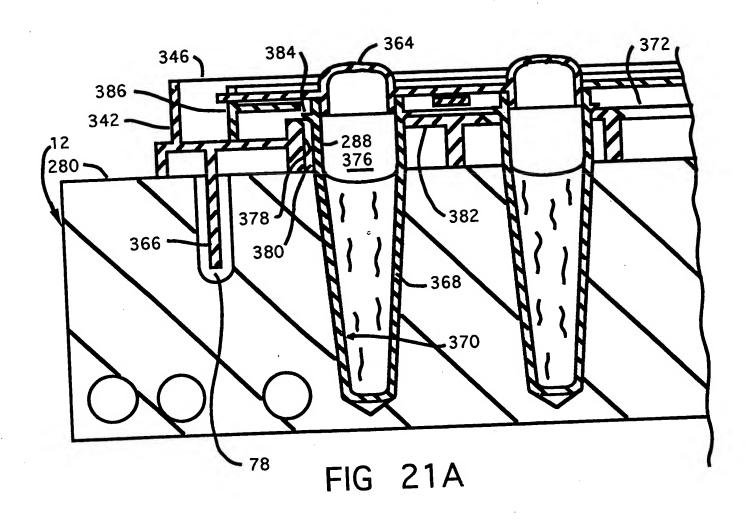


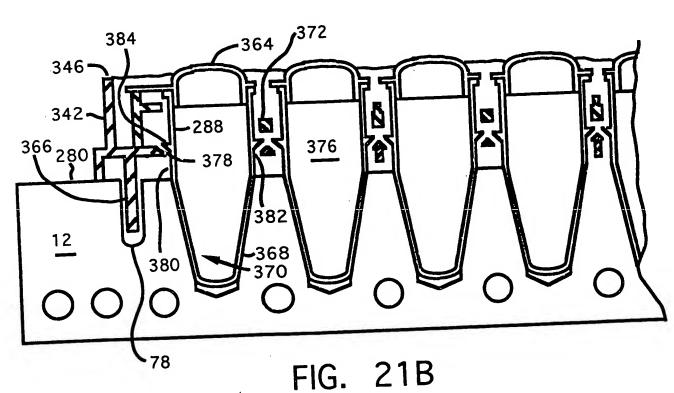
FIG. 20

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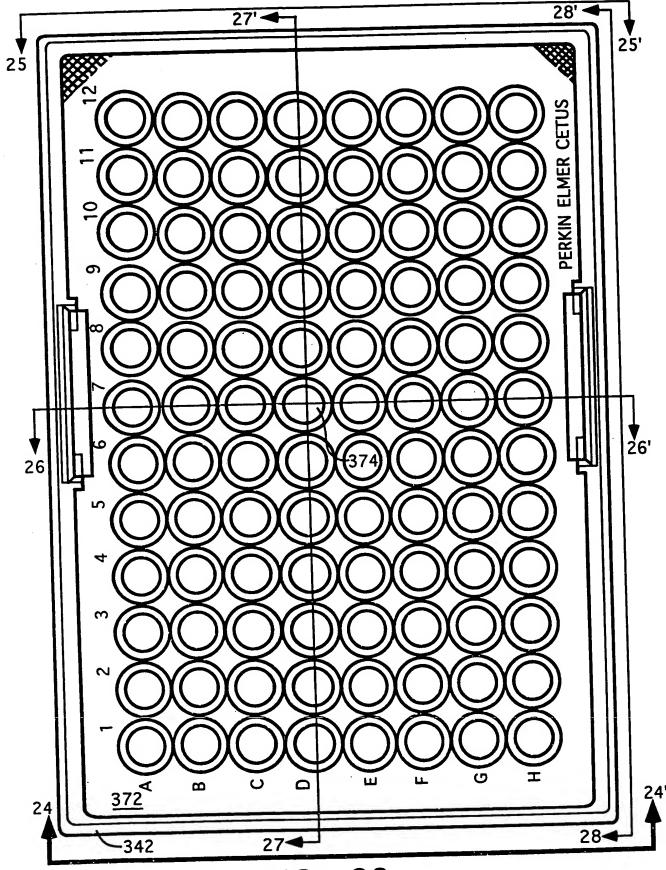
Matter No.: 07759-019004 Applicant(s): Atwood et al.

THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE

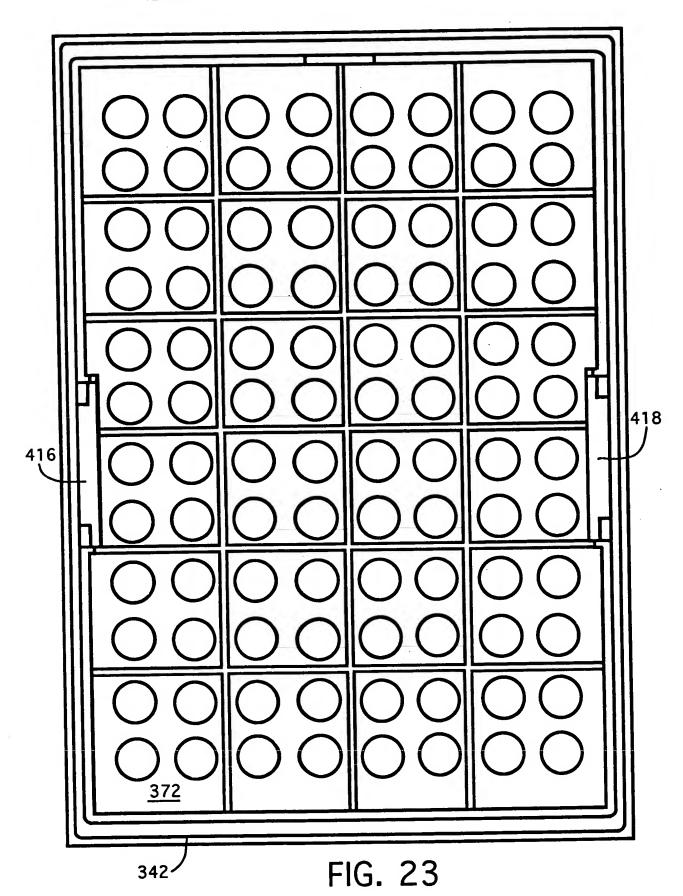




THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE Applicant(s): Atwood et al.



THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE



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THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE

TEMPERATURE CONTROL

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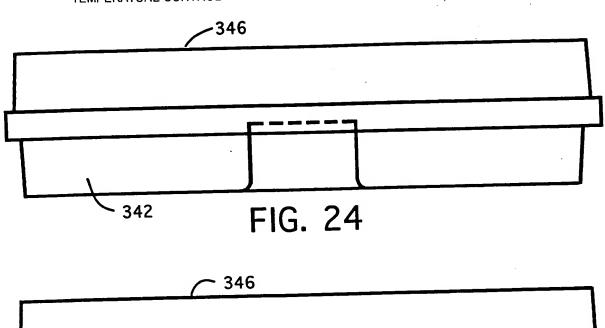
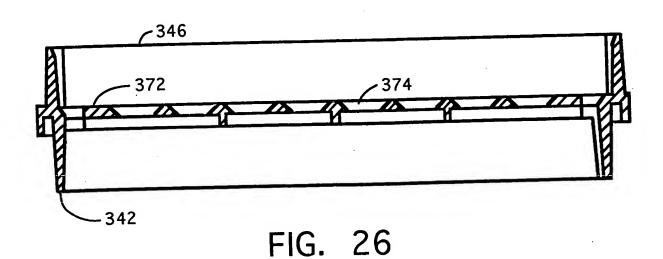
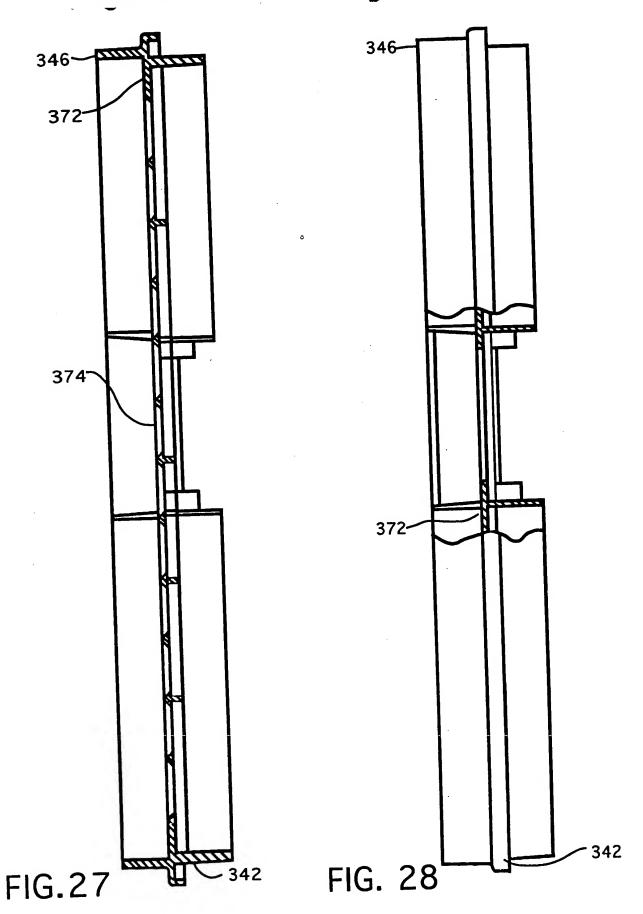


FIG. 25



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THE POLYMERASE CHAIN REACTION WITH CLOSE
TEMPERATURE CONTROL



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THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE TEMPERATURE CONTROL

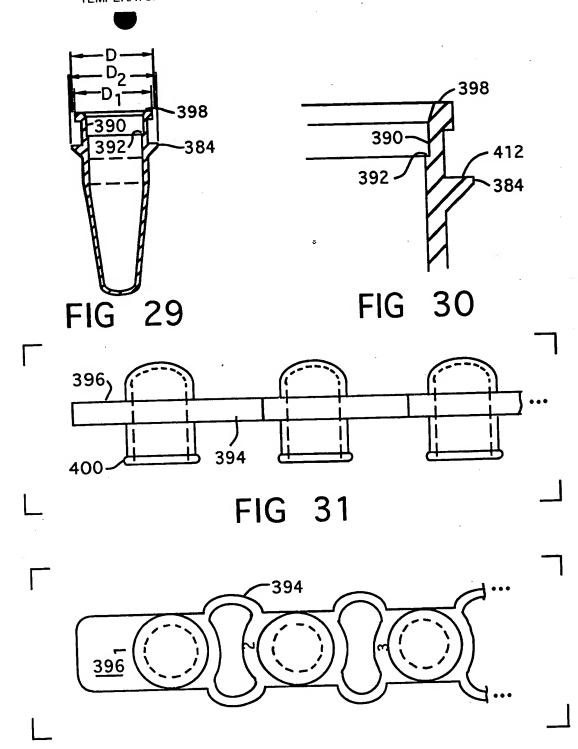
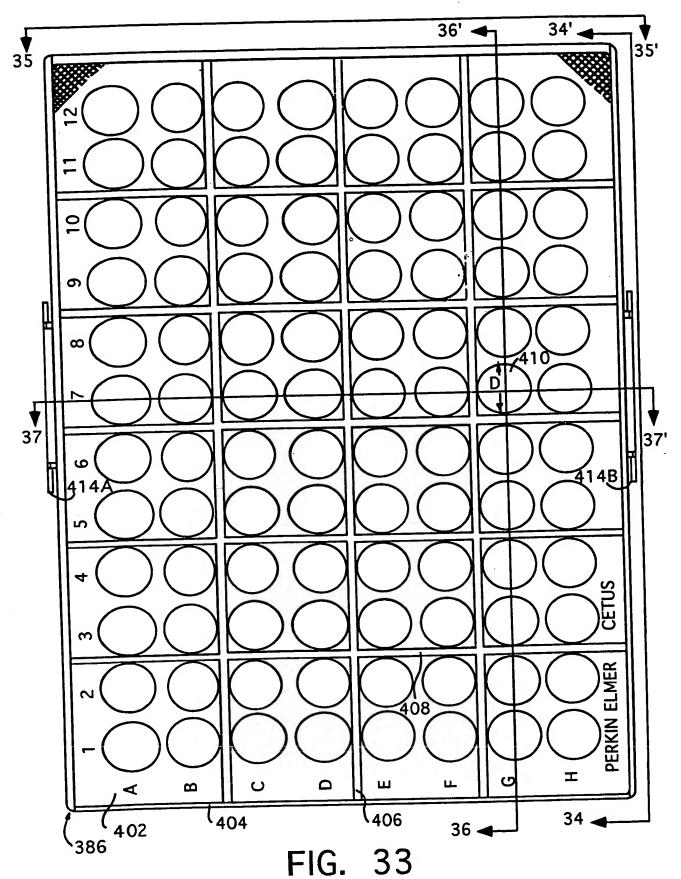


FIG 32

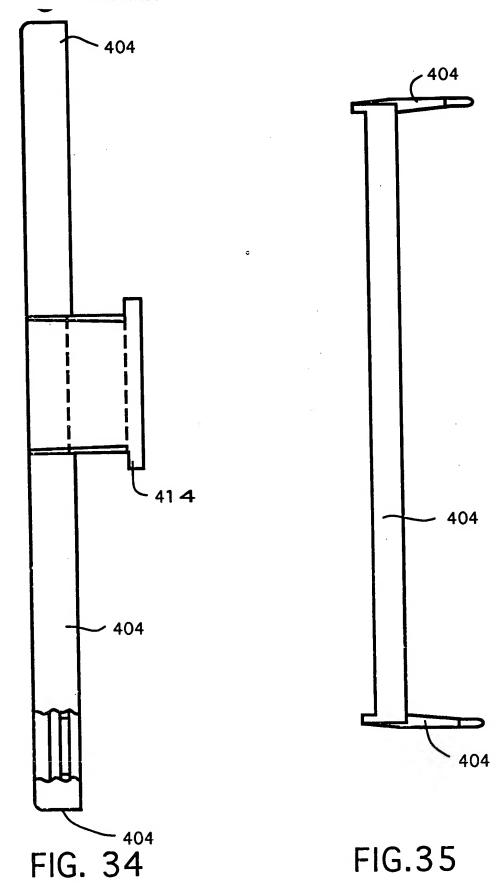
Applicant(s): Atwood et al.
THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
THE POLYMERASE CHAIN REACTION WITH CLOSE



Applicant(s): Atwood et al.

THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF

THE POLYMERASE CHAIN REACTION WITH CLOSE



THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE TEMPERATURE CONTROL

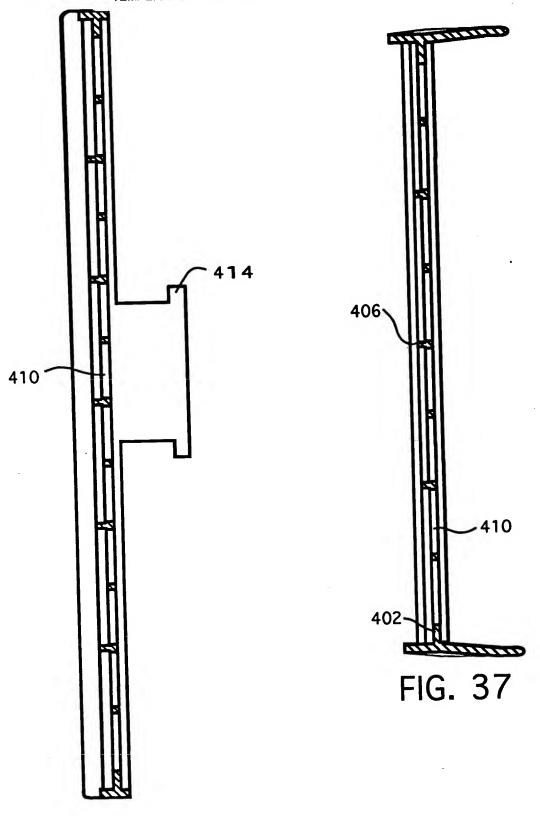
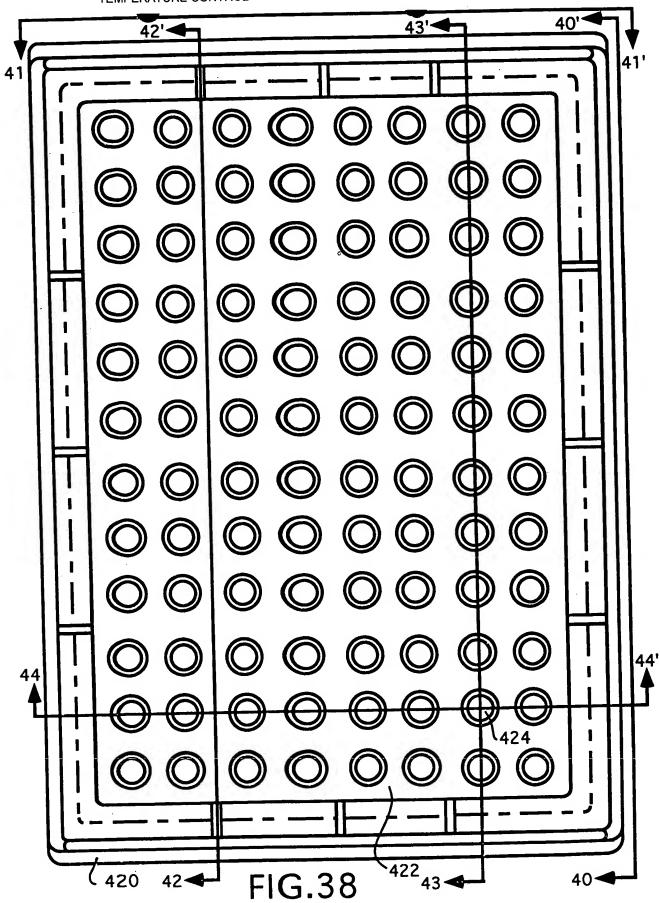


FIG. 36

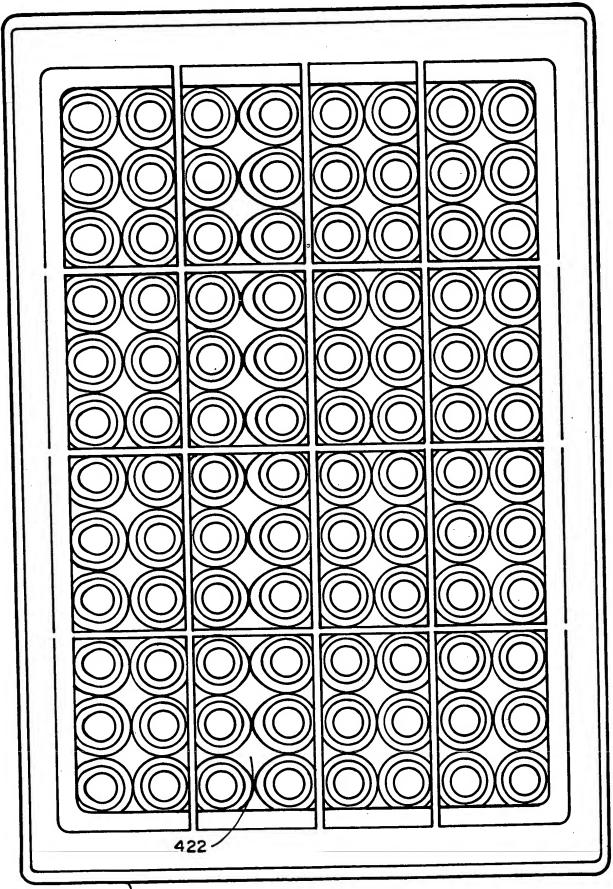
THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE

TEMPERATURE CONTROL



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THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE



420)

FIG. 41

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Applicant(s): Atwood et al.
THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
THE POLYMERASE CHAIN REACTION WITH CLOSE
TEMPERATURE CONTROL

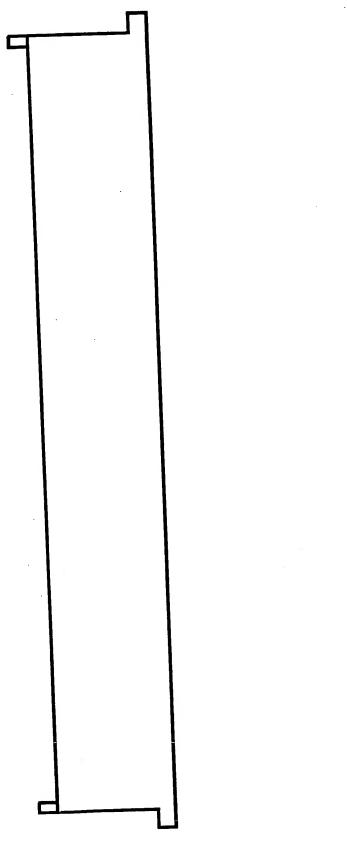


FIG. 40

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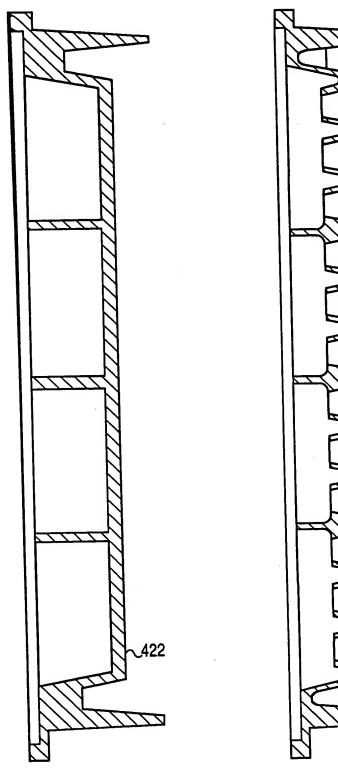


FIG. 42

FIG. 43

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FIG. 45

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THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
THE POLYMERASE CHAIN REACTION WITH CLOSE
TEMPERATURE CONTROL

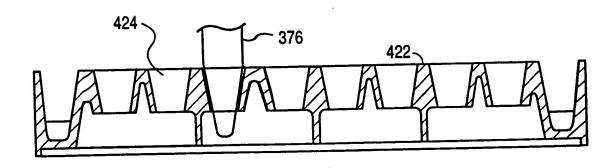


FIG. 44

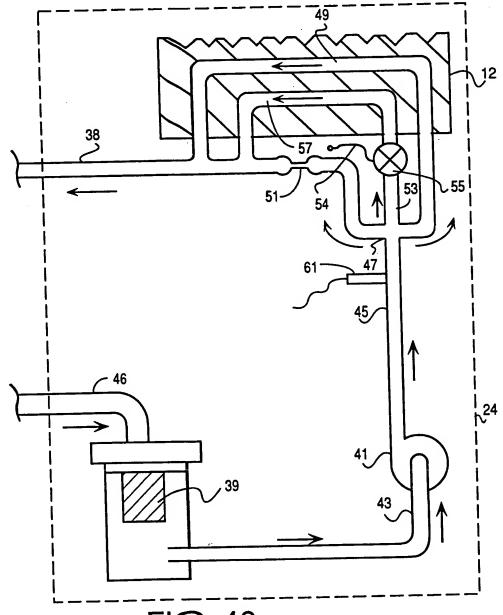
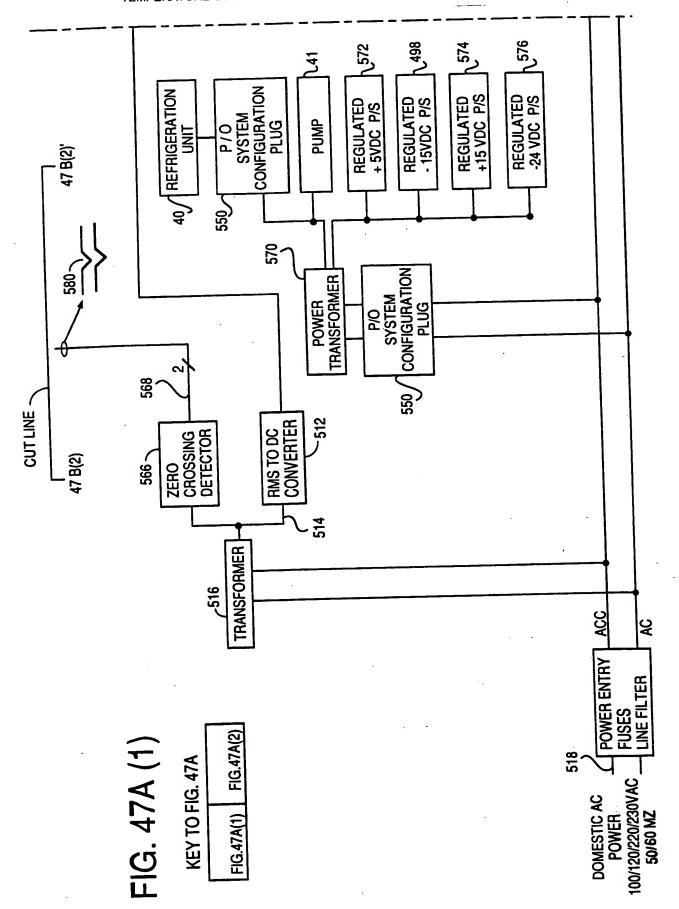
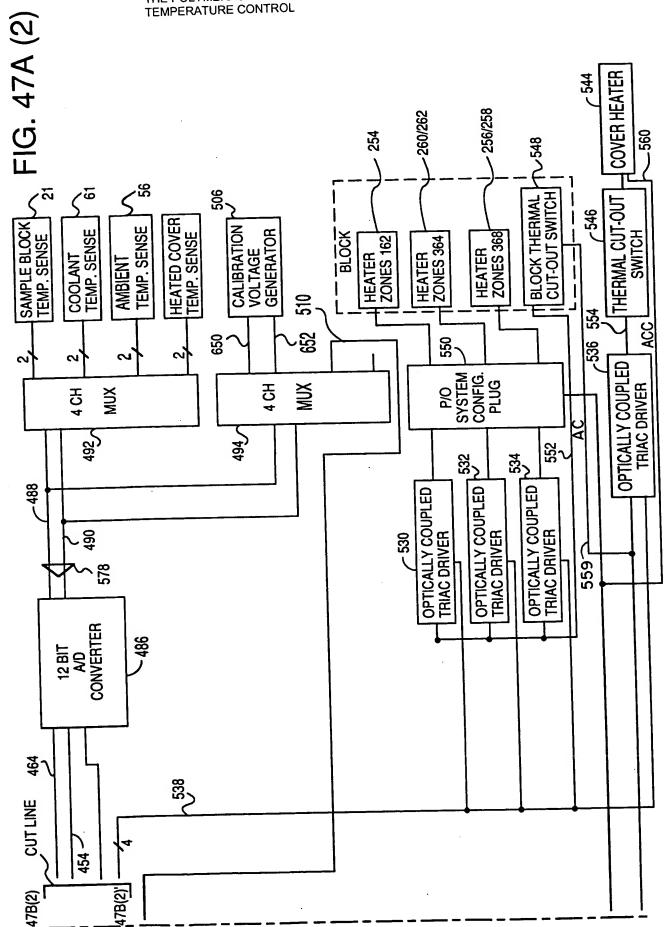


FIG. 46

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THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
THE POLYMERASE CHAIN REACTION WITH CLOSE

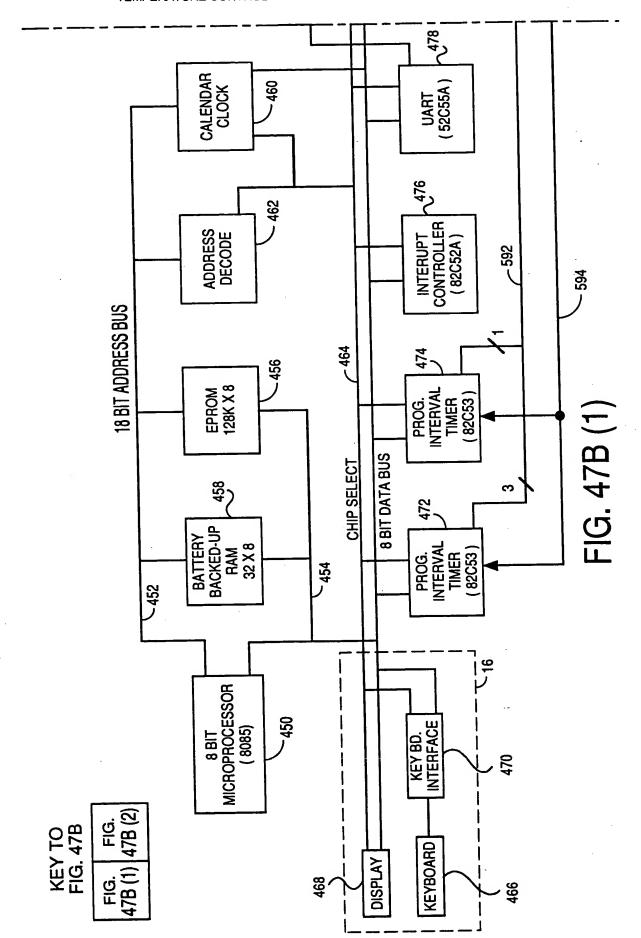


Applicant(s): Atwood et al. THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE



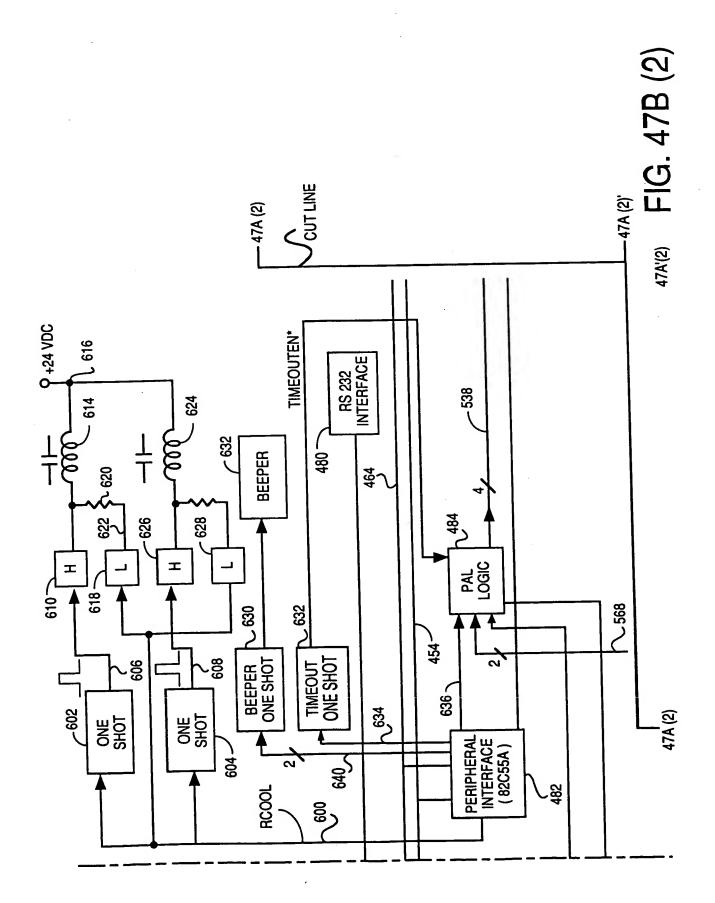
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Matter No.: 07759-019004 Page 30 of 39 Applicant(s): Atwood et al.
THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE TEMPERATURE CONTROL

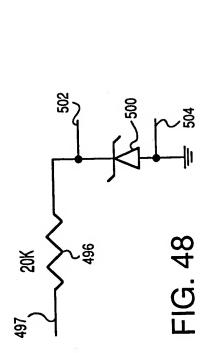


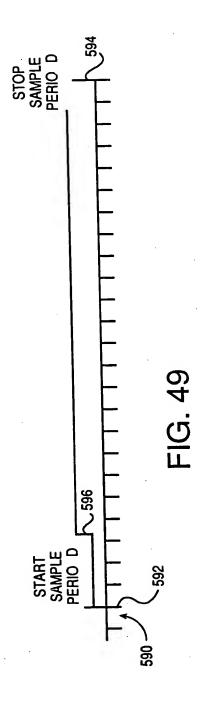
Applicant(s): Atwood et al.

THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE TEMPERATURE CONTROL



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THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF THE POLYMERASE CHAIN REACTION WITH CLOSE TEMPERATURE CONTROL

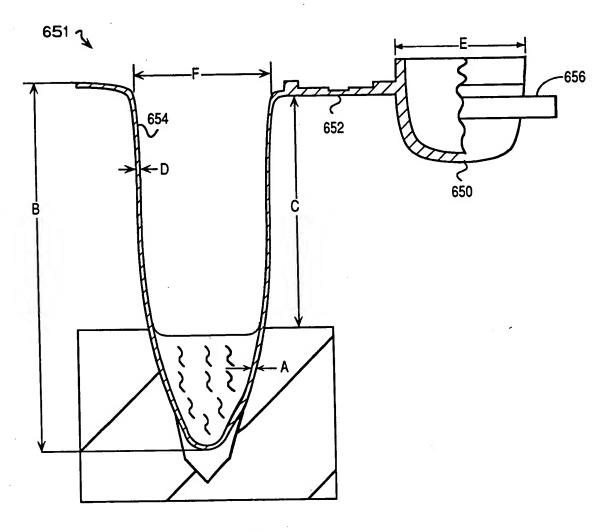


FIG. 50

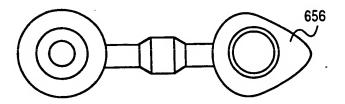


FIG. 52

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THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
THE POLYMERASE CHAIN REACTION WITH CLOSE
TEMPERATURE CONTROL

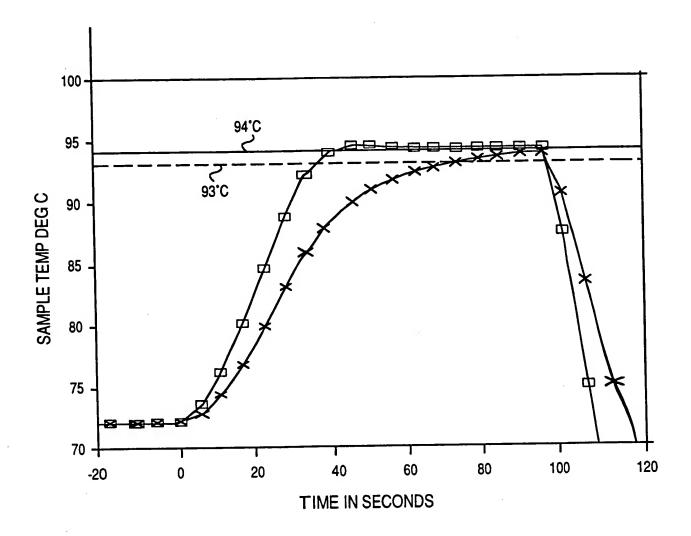


FIG. 51

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Matter No.: 07759-019004 Applicant(s): Atwood et al.

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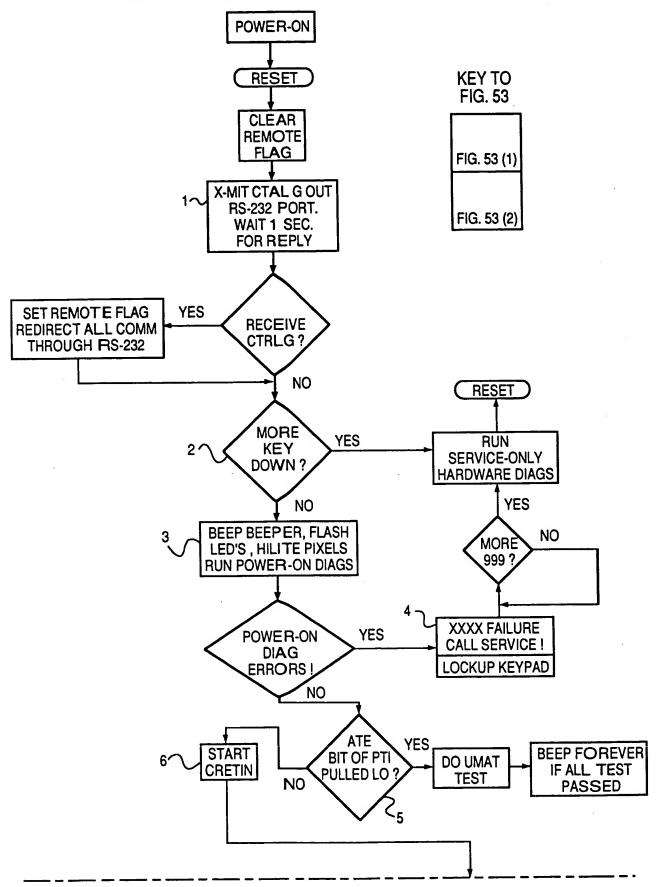


FIG. 53 (1)

THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF

THE POLYMERASE CHAIN REACTION WITH CLOSE

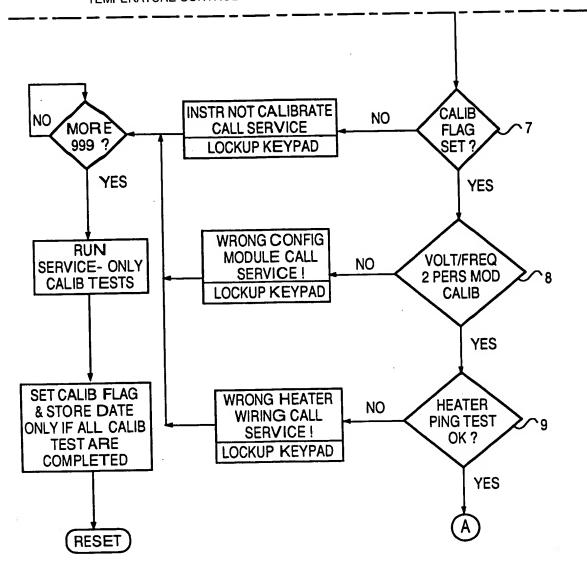


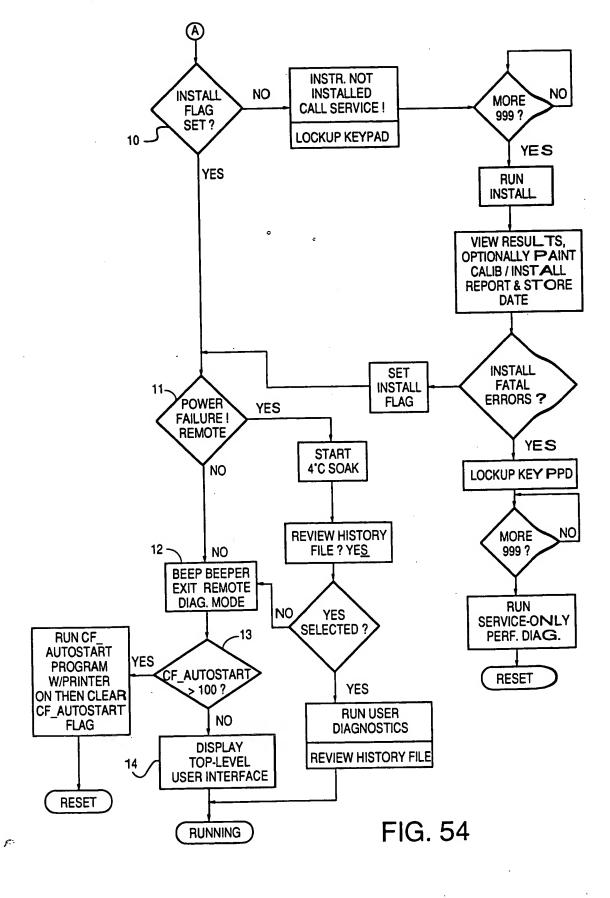
FIG. 53 (2)

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TEMPERATURE CONTROL



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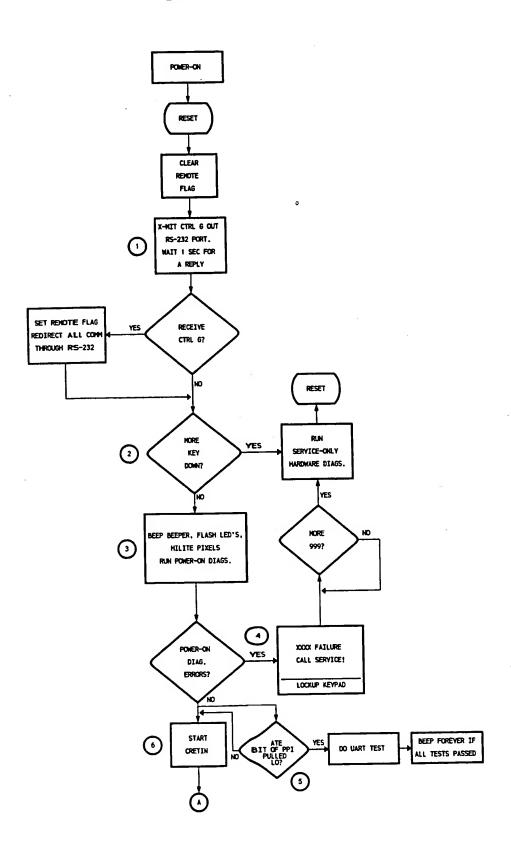
Figure 55

(55.1 and 55.2)

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THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF
THE POLYMERASE CHAIN REACTION WITH CLOSE

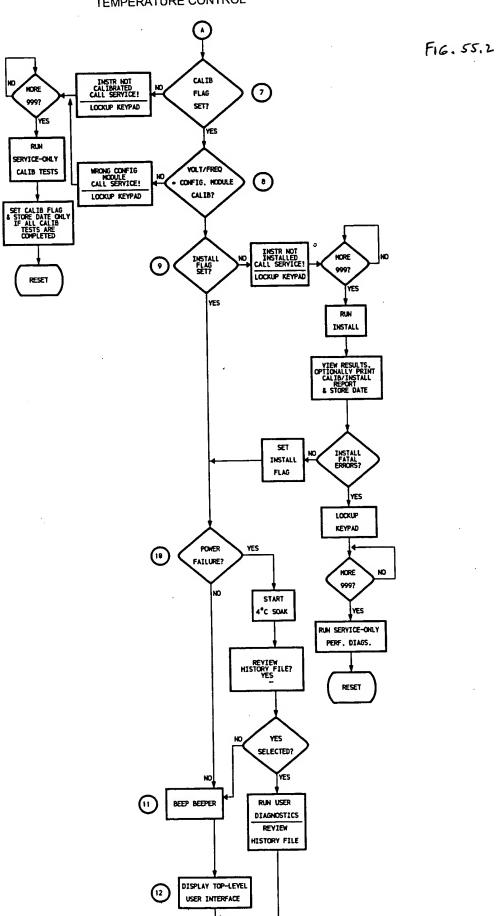
Figure 55.1



THERMAL CYCLER FOR AUTOMATIC PERFORMANCE OF

THE POLYMERASE CHAIN REACTION WITH CLOSE

TEMPERATURE CONTROL



RUNNING